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**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

**Inspection Report**  
**Minerals Regulatory Program**  
Report Date: December 28, 2006

Supervisor 1027

**Mine Name:** Bingham Canyon  
**Operator Name:** Kennecott Utah Copper  
Rohan McGowan-Jackson  
P.O. Box 6001  
Magna, Utah 84044-6001

**Permit number:** M/035/002  
**Inspection Date:** Dec. 19, 2006  
**Time:** 9:00 AM

**Inspector(s):** Doug Jensen

**Other Participants:** Vicky Peacey, Kelly Pane, Piper Rhodes, Francisco Benavidas,

**Mine Status:** Active

**Weather:** Cloudy, Cold

| Elements of Inspection   | Evaluated                           | Comment                             | Enforcement              |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. Permits, Revisions, Transfer, Bonds   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 2. Public Safety (shafts, adits, trash, signs, highwalls)                      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 3. Protection of Drainages / Erosion Control                                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 4. Deleterious Material  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 5. Roads (maintenance, surfacing, dust control, safety)                        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 6. Concurrent Reclamation  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes) | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 8. Water Impoundments  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 9. Soils   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 10. Revegetation   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 11. Air Quality  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| 12. Other  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

**Purpose of Inspection:**

Check on the regrading of the Bingham Canyon dump and the Bonneville Crusher.

**Directions to Site:**

See previous inspection memos.

**Inspection Summary:**

The first place that we visited was the resloping effort on the 5990 level of the Bingham Canyon Dump. A pipeline corridor is being placed just below the crest of this bench level of the dump. This corridor was not in the original design therefore the placement of this feature is resulting in an insufficient amount of material to reslope the dump to the 2.75:1 final slope. This oversight has become apparent and Vicky indicated that additional material would have to be placed on this level to make up the shortfall.

**6. Concurrent Reclamation.**

Kennecott Land had requested that I visit the Daybreak area so that they could show the progress that they have made in removing the sludge material from the site. All the material that was located in the two sludge piles has been moved from the site to the Copper Notch repository. They were within week to ten days of completing the removal of the surface material in the Bastian Sink area.

The tour also included a tour of the Copper Notch. The material from the Bastian Sink area is being used as a soil cap for the Copper Notch repository. The material in the repository will be



graded to a ~2.5:1 grade and then the material from the Bastian Sink will be spread over the resloped area and then the area will be seeded.

When the removal of material from the Bastian Sink area is finished, this will mark the completion of the relocation of contaminated material from the old evaporation ponds area. With the completion of the contaminated material removal from this area, Kennecott has indicated that they intend to ask for a release of this area from the Bingham Canyon Mine permit.

The Bonneville Concentrator was the next area visited. The recontouring of the area of the Symons building has been completed. The area still needs to be ripped and seeded in order to complete the reclamation of this portion of the site. A picture of this area is included with this report.

The elevator structure and shaft are all that remains at the car dumper site. Since my last visit the car dumper structure has been cut up and removed from the site.

The foundation area of the concentrator building has been backfilled with material from the borrow area. The areas around the foundations has been backfilled and recontoured. There is several foundation walls still standing that will be knocked down as the project continues. There is also an office, sub-station and a silo on site that will eventually be removed.

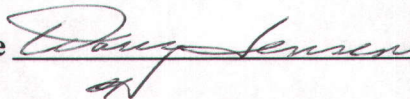
Work in this area is progressing well and reclamation should be completed by early spring, weather permitting.

The Bonneville was the last stop on my inspection tour.

**Conclusions and Recommendations:**

The work at Bonneville and the Bingham Canyon Dump are on-going project that I will continue to monitor as the work progresses.

Inspector's Signature



Date:

12/28/06

dj:jb

cc: Rohan McGowan-Jackson, KUC

Attachment: Photos





RECLAIMED SYMONS BUILDING AREA

12.19.2006

12.19.2006 14:56

BONNEVILLE CRUSHER  
SYMONS BUILDING AREA (IN FOREGROUND)





Bingham Canyon Dam